

WHAT IS CLAIMED IS:

1. A method for causing generation of calibration data for a wireless network wherein position determination of a handset is performed, the network including a Mobile Switching
5 Center (MSC) and a Position Determination Device (PDD), the method comprising:

receiving a phone call from the handset via the MSC;

sending a first position request message to the PDD in response to the received phone call;

10 receiving a position response message from the PDD;

sending a second position request message to the PDD in response to the same received phone call and the received position response message;

continuously sending a plurality of subsequent position
15 request messages to the PDD in response to the same received phone call;

terminating the sending of a plurality of subsequent position request messages, when a termination trigger is received from the MSC; and

20 sending a call termination message to the MSC in response to the received termination trigger.

2. The method of claim 1, further comprising causing the generation of output data for use in network calibration.

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3. The method of claim 1, wherein the termination trigger is a call termination message from the MSC.

4. The method of claim 1, wherein the termination
30 trigger is release of the received phone call.

5. The method of claim 1, further comprising generating a synthesized audio feedback.

6. A method for causing generation of calibration data
5 in a wireless network including a Mobile Switching Center (MSC), and a Position Determination Device (PDD) to determine position of a handset, the method comprising:
receiving a trigger from the MSC;
sending a position request message to the PDD in response
10 to the received trigger;
receiving a position request response message from the PDD;
continuously sending subsequent position request messages to the PDD in response to the same received trigger, until a
15 termination command is received;
terminating the sending subsequent position request messages, when the termination command is received; and
causing the generation of output data for use in network calibration.

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7. The method of claim 6, wherein the trigger is generated by a call origination message from the MSC.

8. The method of claim 6, wherein the trigger is
25 generated by a received call from the handset.

9. The method of claim 8, further comprising generating a synthesized audio feedback.

30 10. The method of claim 6, wherein the termination command is a call termination message from the MSC.

11. The method of claim 8, further comprising sending a call termination message to the MSC in response to the received termination command

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12. The method of claim 9, wherein the termination occurs when the received call from the handset is released.

13. The method of claim 12, further comprising sending a call termination message to the MSC upon the release of the call origination message from the MSC.

14. The method of claim 6, wherein the termination command is generated after a predetermined number of subsequent position request messages are sent to the PDD.

15. A system for causing generation of calibration data for a wireless network wherein position determination of a handset is performed, the network including a Mobile Switching Center (MSC) and a Position Determination Device (PDD) comprising:

20 means for receiving a phone call from the handset via the MSC;

means for sending a first position request message to the PDD in response to the received phone call;

25 means for receiving a position response message from the PDD;

means for sending a second position request message to the PDD in response to the same received phone call and the received position response message;

means for continuously sending a plurality of subsequent

position request messages to the PDD in response to the same received phone call;

means for terminating the sending of a plurality of subsequent position request messages, when a termination trigger is received from the MSC; and

means for sending a call termination message to the MSC in response to the received termination trigger.

16. The system of claim 15, further comprising means for causing the generation of output data for use in network calibration.

17. The system of claim 15, wherein the termination trigger is a call termination message from the MSC.

18. The system of claim 15, wherein the termination trigger is release of the received phone call.

19. The method of claim 15, further comprising generating a synthesized audio feedback.

20. A system for causing generation of calibration data in a wireless network including a Mobile Switching Center (MSC), and a Position Determination Device (PDD) to determine position of a handset comprising:

means for receiving a trigger from the MSC;

means for sending a position request message to the PDD in response to the received trigger;

means for receiving a position request response message from the PDD;

means for continuously sending subsequent position request messages to the PDD in response to the same received

trigger, until a termination command is received;

means for terminating the sending subsequent position request messages, when the termination command is received; and

5 means for causing the generation of output data for use in network calibration.

21. The system of claim 20, wherein the trigger is generated by a call origination message from the MSC.

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22. The system of claim 20, wherein the trigger is generated by a received call from the handset.

23. The system of claim 22, further comprising
15 generating a synthesized audio feedback.

24. The system of claim 20, wherein the termination command is a call termination message from the MSC.

20 25. The system of claim 22, further comprising means for sending a call termination message to the MSC in response to the received termination command

26. The system of claim 23, wherein the termination
25 occurs when the received call from the handset is released.

27. The system of claim 26, further comprising means for sending a call termination message to the MSC upon the release of the call origination message from the MSC.

30 28. The system of claim 20, wherein the termination

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command is generated after a predetermined number of subsequent position request messages are sent to the PDD.